

1816

#40
11/5/97

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980ADATE: 10/28/97
TIME: 09:11:18

INPUT SET: S21213.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Weiner, Amy J.
6 Houghton, Michael
7
8 (ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus
9 E2/NS1 Region
10
11 (iii) NUMBER OF SEQUENCES: 134
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Chiron Corporation
15 (B) STREET: 4560 Horton Street
16 (C) CITY: Emeryville
17 (D) STATE: CA
18 (E) COUNTRY: USA
19 (F) ZIP: 94608-2916
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US 08/823,980
29 (B) FILING DATE: 25-MARCH-1997
30 (C) CLASSIFICATION:
31
32 (viii) ATTORNEY/AGENT INFORMATION:
33 (A) NAME: Goldman, Kenneth M.
34 (B) REGISTRATION NUMBER: 34,174
35 (C) REFERENCE/DOCKET NUMBER: 0938.007
36
37 (ix) TELECOMMUNICATION INFORMATION:
38 (A) TELEPHONE: 510-601-2719
39 (B) TELEFAX: 510-655-3542
40
41
42 (2) INFORMATION FOR SEQ ID NO:1:
43
44 (i) SEQUENCE CHARACTERISTICS:
45 (A) LENGTH: 6 amino acids
46 (B) TYPE: amino acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980ADATE: 10/28/97
TIME: 09:11:21

INPUT SET: S21213.raw

47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49
50 (ii) MOLECULE TYPE: peptide
51
52 (ix) FEATURE:
53 (A) NAME/KEY: Xaa
54 (B) LOCATION: 1
55 (D) OTHER INFORMATION: /label= variable
56 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,
57 or Thr"
58
59 (ix) FEATURE:
60 (A) NAME/KEY: Xaa
61 (B) LOCATION: 2
62 (D) OTHER INFORMATION: /label= variable
63 /note= "Represents Ile, Leu, Met, Phe or Trp"
64
65 (ix) FEATURE:
66 (A) NAME/KEY: Xaa
67 (B) LOCATION: 3
68 (D) OTHER INFORMATION: /label= variable
69 /note= "Represents Leu or Phe"
70
71 (ix) FEATURE:
72 (A) NAME/KEY: Xaa
73 (B) LOCATION: 6
74 (D) OTHER INFORMATION: /label= variable
75 /note= "Represents Ala or Gly"
76
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
79
80 Xaa Xaa Xaa Xaa Xaa Xaa
81 1 5
82
83 (2) INFORMATION FOR SEQ ID NO:2:
84
85 (i) SEQUENCE CHARACTERISTICS:
86 (A) LENGTH: 32 amino acids
87 (B) TYPE: amino acid
88 (C) STRANDEDNESS: single
89 (D) TOPOLOGY: linear
90
91 (ii) MOLECULE TYPE: peptide
92
93 (ix) FEATURE:
94 (A) NAME/KEY: Xaa
95 (B) LOCATION: 1
96 (C) OTHER INFORMATION: /label=Dpr
97 /note=2,3-diaminopropionic is acetyl cysteine
98
99 (ix) FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980ADATE: 10/28/97
TIME: 09:11:25

INPUT SET: S21213.raw

100 (A) NAME/KEY: Xaa
101 (B) LOCATION: 2
102 (D) OTHER INFORMATION: /label=Ahe
103 /note= 2)amino heptanoic is butyl alanine
104
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
107
108 Xaa Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser
109 1 5 10 15
110
111 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu
112 20 25 30
113
114 (2) INFORMATION FOR SEQ ID NO:3:
115
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 5 amino acids
118 (B) TYPE: amino acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121
122 (ii) MOLECULE TYPE: peptide
123
124
125
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
127
128 Val Ser Leu Leu Ala
129 1 5
130
131 (2) INFORMATION FOR SEQ ID NO:4:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 7 amino acids
135 (B) TYPE: amino acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
138
139 (ii) MOLECULE TYPE: peptide
140
141
142
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
144
145 Ser Leu Leu Ala Pro Gly Ala
146 1 5
147
148 (2) INFORMATION FOR SEQ ID NO:5:
149
150 (i) SEQUENCE CHARACTERISTICS:
151 (A) LENGTH: 5 amino acids
152 (B) TYPE: amino acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980ADATE: 10/28/97
TIME: 09:11:28

INPUT SET: S21213.raw

153 (C) STRANDEDNESS: single
154 (D) TOPOLOGY: linear
155
156 (ii) MOLECULE TYPE: peptide
157
158
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
161
162 Leu Ala Pro Gly Ala
163 1 5
164
165 (2) INFORMATION FOR SEQ ID NO:6:
166
167 (i) SEQUENCE CHARACTERISTICS:
168 (A) LENGTH: 7 amino acids
169 (B) TYPE: amino acid
170 (C) STRANDEDNESS: single
171 (D) TOPOLOGY: linear
172
173 (ii) MOLECULE TYPE: peptide
174
175
176 (ix) FEATURE:
177 (A) NAME/KEY: Xaa
178 (B) LOCATION: 7
179 (D) OTHER INFORMATION: /label= variable
180 /note= "Represents Ala, Pro or Ser"
181
182
183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
184
185 Ser Leu Leu Xaa Xaa Gly Xaa
186 1 5
187
188 (2) INFORMATION FOR SEQ ID NO:7:
189
190 (i) SEQUENCE CHARACTERISTICS:
191 (A) LENGTH: 7 amino acids
192 (B) TYPE: amino acid
193 (C) STRANDEDNESS: single
194 (D) TOPOLOGY: linear
195
196 (ii) MOLECULE TYPE: peptide
197
198
199 (ix) FEATURE:
200 (A) NAME/KEY: Xaa
201 (B) LOCATION: 7
202 (D) OTHER INFORMATION: /label= variable
203 /note= "Represents Ala, Pro or Ser"
204
205

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980ADATE: 10/28/97
TIME: 09:11:32

INPUT SET: S21213.raw

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
207
208 Ser Leu Phe Xaa Xaa Gly Xaa
209 1 5
210
211
212 (2) INFORMATION FOR SEQ ID NO:8:
213
214 (i) SEQUENCE CHARACTERISTICS:
215 (A) LENGTH: 31 amino acids
216 (B) TYPE: amino acid
217 (C) STRANDEDNESS: single
218 (D) TOPOLOGY: linear
219
220 (ii) MOLECULE TYPE: peptide
221
222
223
224
225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
226
227 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa
228 1 5 10 15
229
230 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile
231 20 25 30
232
233
234 (2) INFORMATION FOR SEQ ID NO:9:
235
236 (i) SEQUENCE CHARACTERISTICS:
237 (A) LENGTH: 31 amino acids
238 (B) TYPE: amino acid
239 (C) STRANDEDNESS: single
240 (D) TOPOLOGY: linear
241
242 (ii) MOLECULE TYPE: peptide
243
244
245
246
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
248
249 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe
250 1 5 10 15
251
252 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val
253 20 25 30
254
255 (2) INFORMATION FOR SEQ ID NO:10:
256
257 (i) SEQUENCE CHARACTERISTICS:
258 (A) LENGTH: 31 amino acids

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/823,980A

DATE: 10/28/97
TIME: 09:11:36

INPUT SET: S21213.raw

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Original Text